Electronic Supplementary Material

For

Threshold Collision-Induced Dissociation of Proton-Bound Hydrazine and Dimethylhydrazine Clusters

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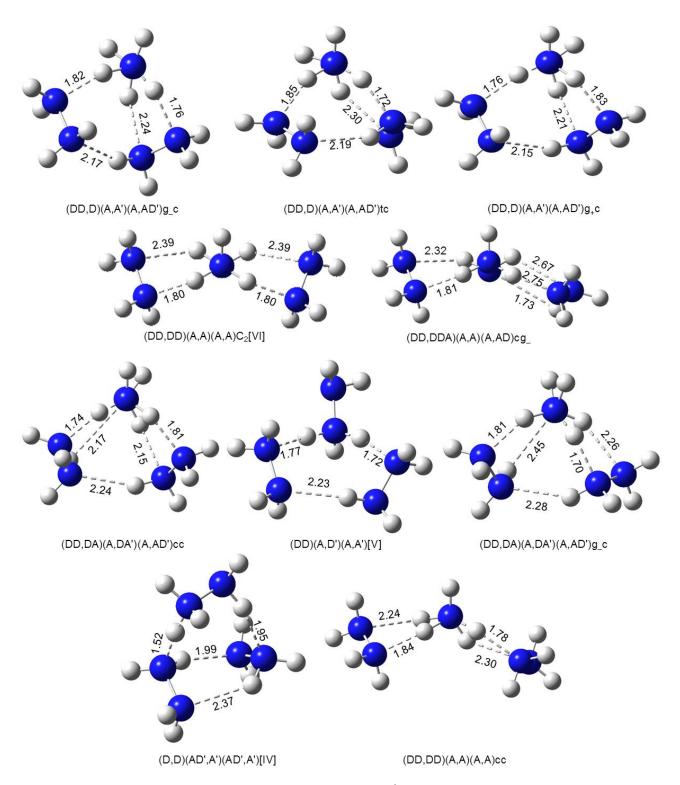


Figure S1. The ten low-lying isomers of $(N_2H_4)_3H^+$ calculated at the B3LYP-GD3BJ/6-311+G(d,p) level of theory. Hydrogen bonds are indicated by dashed lines with distances indicated in Å. In all cases, the protonated hydrazine is located at the top.

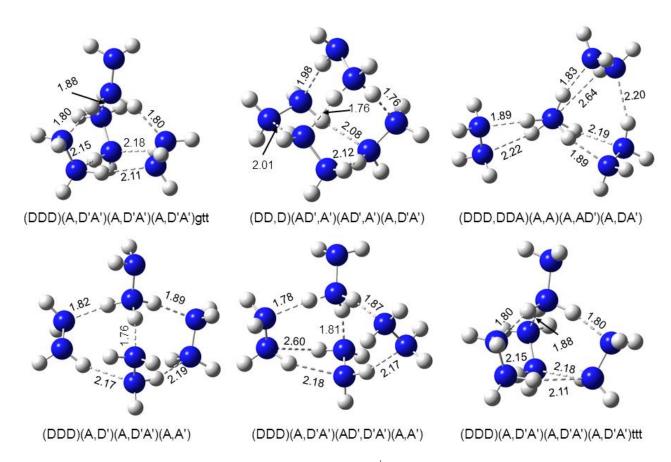


Figure S2. The six low-lying isomers of $(N_2H_4)_4H^+$ calculated at the B3LYP-GD3BJ/6-311+G(d,p) level of theory. Hydrogen bonds are indicated by dashed lines with distances indicated in Å. In all cases, the protonated hydrazine is located at the top.

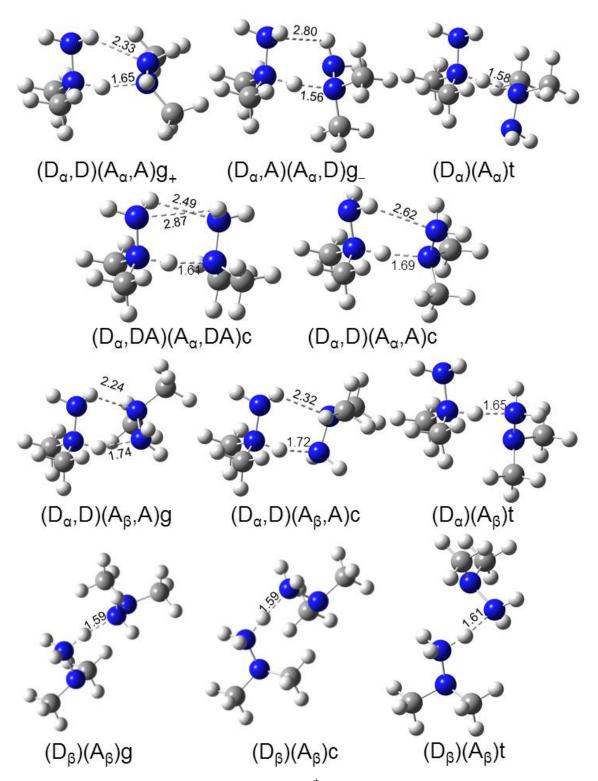


Figure S3. The 11 isomers of $[(CH_3)_2N_2H_2]_2H^+$ calculated at the B3LYP-GD3BJ/6-311+G(d,p) level of theory. Hydrogen bonds are indicated by dashed lines with distances indicated in Å. In all cases, the protonated UDMH is located to the left.